

Disbursement of Federal Funds Pursuant to the Federal Water Pollution Control Act

2005 Update

(per Senate Bill 150, 1st Session of the 49th Legislature, 2003)

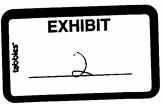


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Introduction

During the 1993 reorganization of Oklahoma's environmental agencies, the office of Secretary of the Environment was established by statute to serve, among other things, as the primary recipient of Federal Water Pollution Control Act ("Clean Water Act") grant funds in Oklahoma. The role of recipient of Clean Water Act funding provides the Secretary of the Environment with a unique opportunity to ensure that state agencies' water quality management activities are well-coordinated and of high quality.

Ten years after passage of the Environmental Quality Act of 1993, the Oklahoma Legislature sought minor changes to this oversight responsibility through passage of Senate Bill 150 (2003 Session). In addition to seeking increased coordination through consultation with the Secretary of Agriculture, the Legislature added the requirement of an annual report to heighten accountability and increase understanding of how Clean Water Act funds are disbursed throughout the state.

Funding is delivered to Oklahoma's Secretary of the Environment from the U.S. Environmental Protection Agency ("EPA") through five distinct grant programs that are defined by the section of the Clean Water Act in which each is established: Section 104(b)(3), Section 104(b)(3) Wetlands, Section 106, Section 319, and Section 604(b). Each grant program has its own priorities, guidance, and funding cycles. This report summarizes the Clean Water Act grant program funding received by the Secretary of the Environment during the 2005 Federal fiscal year of October 1, 2004 – September 30, 2005 (see Table 1 for overview) as well as the expenditures for the same period (see Table 2 for overview).

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Table 1. Clean Water Act Funding Awarded to Subrecipients (Federal Dollars for Federal Fiscal Year 2005).

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	Association Central Okla Governme	Indian Nati Council o Governme	Oklahom Conservati Commissio	Oklahom Departmen Agriculture, And Forest	Oklahoma Departmen Environmen Quality	Oklahoma W	Office of the Secretary of Environme
FY 05 104(b)(3) Water Quality Cooperative Agreement*						\$199,500	
FY 05 104(b)(3) Tribal Water Quality Cooperative Agreement*							\$61,460
FY 05 104(b)(3) Regional Environmental Monitoring and Assessment*						\$304,000	
FY 05 104(b)(3) Wetlands Protection*			\$266,393			\$113,132	
FY 05/06 106 Program				\$118,750	\$2,897,840		\$171,365
Y 05 319(h) NPS Program			\$3,056,300			THE PERSON NAMED IN	\$117,000
FY 05 604(b) Water Quality Management Program	\$20,000	\$20,000				\$60,000	
FOTAL FUNDING	\$20,000	\$20,000	\$3,322,693	\$118,750	\$2,897,840	\$676,632	\$349,825

*Funds were awarded prior to September 30, 2005. The project(s), however, cannot begin until October 1, 2005.

Section §104(b)(3) Program

Section 104(b)(3) authorizes funding to State agencies, Tribes, other public or nonprofit private agencies, institutions, organizations and individuals to conduct and promote the coordination and acceleration of research, investigations, experiments, training, demonstrations, surveys and studies relating to causes, effects, extent, prevention, reduction and elimination of pollution. Funding is available annually through both EPA Headquarters and EPA Region 6 and usually requires a 5% match. The funding is normally competitive on a regional basis. However, at times, EPA may offer provisional funding to states or regions for a specific purpose. The funding period for this program is approximately three (3) years.

FY 05 §104(b)(3) Water Quality Cooperative Agreement

Project 1 – Probablistic Monitoring of the Illinois River Sub-basin – OWRB ... \$199,500 The objective of this project will allow for a statistically valid assessment of the condition of all stream/river miles within the Illinois River Sub-basin which will provide a water quality baseline. It will assist in long- and short- range planning and resource allocation within the basin as well as refinement of both numerical and narrative water quality standards.

FY 05 §104(b)(3) Regional Environmental Monitoring and Assessment Program

FY 05 §104(b)(3) Tribal Water Quality Cooperative Agreement

Section 104(b)(3) Wetlands authorizes funding for the development and implementation of activities to protect state wetlands. The goal of the program is to build the capacity of all levels of government to develop and implement effective, comprehensive programs for wetland protection and management. This grant program is competitive on a regional basis and requires a 25% match. A funding level of approximately \$1.2 million is available per year at the regional level. The funding period for this program is approximately three (3) years.

FY 05 §104(b)(3) Wetlands Protection Workplan

Section §106 Program

Section 106 of the Clean Water Act authorizes assistance to the State in administering programs for the prevention, reduction, and elimination of water pollution including programs for the development and implementation of groundwater protection strategies. The state receives approximately \$2,100,000 for surface water and groundwater activities. The state is required to set forth a minimum level of effort towards the §106 program of \$257,655. All base surface and groundwater activities are included in the FOCUS document, which is part of DEQ's Performance Partnership Grant. By including the activities in the FOCUS document, EPA allows DEQ flexibility and the ability to cross fund programs. Activities and projects under this grant program are reviewed and awarded on an item-by-item basis. The Workplan includes new projects as well as projects not completed within the previous grant cycle. The program period for the §106 grants is two years.

Please note: \$644,062 of the two-year program was awarded to OSE prior to October 1, 2004 and accounted for in the 2004 SB 150 Update. Dollar amounts listed below for the FY 05/06 §106 Workplan are for the two-year period.

FY 05/06 §106 Program (July 1, 2004 – June 30, 2006)

- Administration The agency will monitor its finance, personnel and data processing operations. Surveys will evaluate customer satisfaction with major program activities.
- Enforcement The agency will ensure compliance with the law through an enforcement program that will include issuing orders and assessing fines.
- Permitting Permitting, along with rulemaking, provides the basic tool for controlling pollutant discharges. Particular emphasis will be placed on the issuance of high quality permits in a timely manner.
- Planning The agency will implement a planning process called "FOCUS" to integrate budget, planning, personnel evaluation and reporting based on measuring for results.
- Sludge –The agency will review and respond to all sludge management plans within 60 days of receipt of all necessary information to ensure that construction is performed.
- TMDL The agency will develop and/or review TMDL/WLA models in accordance with schedules established in the 1998 303(d) list and submit these models to EPA for approval
- Groundwater Monitoring The agency will continue to conduct both environmental and programmatic monitoring to determine the effectiveness of its programs

FY 05/06 §106 Workplan

 perform statistical analyses on the data, 4) do 305(b) reports and 5) make information available to the public.

The purpose of this project is to collect water quality data to verify waterbody impairment and to support TMDL development for all pollutants of concern. The data collection will be designed to assist in identifying the source(s) and extent of impairment to the waterbodies.

Project 7 - Blue River Watershed TMDL Phase I Water Quality Monitoring – ODEQ\$4,250

The purpose of this project is to collect water quality data to verify waterbody impairment and to support TMDLs for nutrients, suspended solids and noxious aquatic plants. The data collection will be designed to assist in identifying the source(s) and extent of impairment to the waterbodies

The objective of the proposed sampling initiative is to 1) establish if listed waters are currently meeting their assigned beneficial uses, 2) gather historical data (if available) to be used in Phase 1 of the TMDL process and 3) support TMDL development. The Oklahoma Water Resources Board will conduct project activities with guidance from the ODEQ.

This project will continue the ambient groundwater monitoring program administered through the ODEQ. The primary objective of this project is to assess the quality of groundwater. In the long term, data will be analyzed for trends to identify areas where measures should be taken to preserve the beneficial uses of the groundwater. These objectives will be met by sampling a subset of Public Water Supply wells to determine current constituent levels.

Project 19 - Statewide Groundwater Quality Analysis Using GIS FY03/04 - ODEQ \$4.999

State agencies have been gathering data on groundwater quality for many years. ODEQ wants to use this information to develop maps showing the quality of water in

The monitoring sites listed in this proposal for funding are all located in Unified Watershed Assessment Category I watersheds. These monitoring sites are critical to TMDL development and are also essential in tracking the progress of TMDL implementation procedures. Flow data will be used to assess the total pollutant loading, and the water quality data will be used to determine the degree of impairment to the water's beneficial use(s). Where appropriate, screening and review criteria developed for the 303(d) program will be utilized to assess impairment. The United States Geological Survey will conduct project activities with guidance from the ODEQ.

The Oklahoma Concentrated Animal Feeding Operations Act (2 O.S. § 9-205.4(F)(3)) and its implementing regulations (OAC 35:17-3-11(e)(6) (H)) both require that the Oklahoma Department of Agriculture, Food, and Forestry (ODAFF) annually sample monitoring wells at swine Licensed Managed Feeding Operations (LMFOs). This project will allow for the collection of groundwater samples at monitoring wells of LMFOs and a review of the analyzed data for indication of possible pollution. Determining the sources of pollutants in groundwater will aid ODAFF in assessing whether LMFOs negatively affect nearby groundwater quality and what actions are necessary to address such pollution.

Section § 319(h) Nonpoint Source Program

Section 319(h) of the CWA authorizes funding to designated State agencies to implement the State's NPS management program to control nonpoint source pollution. The state receives approximately \$3,000,000 annually and is required to provide a 40% match. The funds within this grant program are tied to priorities listed within Oklahoma's Nonpoint Source Management Plan and directed by the Nonpoint Source Working Group. The Oklahoma Conservation Commission serves as the technical lead agency for the program. The funding period for this program is five (5) years.

FY 05 319(h) Program

Project 2 - FY 2005-2006 319(h) Project 2 Oklahoma Conservation Commission
Implementation of the NPS Management Program October 2005- June 2006 - OCC
\$925.439

The purpose of this project is to provide staff support and funding to implement Oklahoma's Comprehensive Nonpoint Source Pollution Program, including planning, assessment, education, and implementation activities between October 1, 2005 and June 30, 2006.

Section §604(b) Water Quality Management Program

Section 604(b) of the CWA authorizes assistance to States to carryout water quality management planning. The States must pass through 40% of these funds to regional planning agencies unless the Governor, in consultation with affected parties, determines

that regional planning agency participation will not significantly assist the State in its water quality management planning efforts.

The state receives approximately \$100,000 per year in funding (no state match is required). Forty percent of the annual funding goes to the sub-state planning districts - usually ACOG (Association of Central Oklahoma Governments - Oklahoma City area) and INCOG (Indian Nation Council of Governments - Tulsa area). The remaining 60% is allocated to the Oklahoma Water Resources Board (OWRB) for planning purposes. The funding period for this program is approximately three (3) years.

FY 05 604(b) Program

The objective of this project will be to meet the requirements of a triennial revision outlined in the Clean Water Act, Code of Federal Regulations, Oklahoma Administrative Procedures Act, and other applicable statutes and rules governing how water quality standards are revised and submitted. An additional objective of this project is to exceed the federal and state requirements for public participation and review of the standards with the informal public participation traditionally implemented by the OWRB prior to the required formal steps.

Project 3 – Impact of Domestic Septic Tanks on Groundwater in Central Oklahoma– ACOG\$20,000

The objectives of this project are to locate areas of the Garber, Willington, Hennessey and Duncan Formations which are susceptible to nitrate loadings and to evaluate the impacts of septic systems in higher-density lot sizes.

Grant Expenditures October 1, 2004 through September 30, 2005

Table 2 shows the expenditure of Clean Water Act funds between October 1, 2004 and September 30, 2005. The expenditures were for activities completed in SFY 2005 and funded through current and previously awarded grant programs. Funds are distributed on a reimbursement basis as detailed in the Formal Agreement between EPA and OSE.

Table 2. SFY 2005 Clean Water Act	05 Clean	Water Ac	t Expenditures	rres						
	Association of Central Oklahoma Governments	Indian Nations Council of Governments	Oklahoma Conservation Commission	Oklahoma Corporation Commission	Oklahoma Department of Agriculture, Food, and Forestry	Oklahoma Department of Environmental Quality	Oklahoma Water Resources Board	Oklahoma State University	Oklahoma Scenic Rivers Commission	Office of the Secretary of the Environment
104(b)(3) Program-TMDL		\$123,627					\$5,080		,	
104(b)(3) Program-WQCA		\$29'65\$	\$55,207	\$118		\$57,201	\$153,047			\$3,651
104(b)(3) Program-Wetlands		\$10,399	\$106,901		\$2,663		\$50,570	\$47,824	\$2,599	\$897
106 Program					\$126,104	\$3,324,963				\$173,746
319(h) Nonpoint Source Program			\$2,833,677		\$397	\$14,360				\$97,574
604(b) Water Quality Management Program	\$36,929	\$17,156					\$55,697			
TOTAL Expenditures	\$36,929	\$210,857	\$2,995,785	\$118	\$129,164	\$3,396,524	\$264,394	\$47,824	\$2,599	\$275,868